

## **REMARKS**

Applicants appreciate the Examiner's thorough examination of the present application as evidenced by the Office Action of November 29, 2005 (hereinafter "Office Action"). In response, Applicants respectfully submit that the cited reference does not disclose or suggest, at least, the recitations of the pending independent claims. Accordingly, Applicants submit that all pending claims are in condition for allowance. Favorable reconsideration of all pending claims is respectfully requested for at least the reasons discussed hereafter.

### **Objections to the Specification**

The Abstract and Title are objected to for various informalities. In response, Applicants have amended the Abstract to remove the title therefrom and have amended the title as suggested by the Examiner.

### **Independent Claims 1 and 7 are Patentable**

Independent Claims 1 and 7 stand rejected under 35 U.S.C. §102(b) as being anticipated by U. S. Patent No. 5,903,254 to Mundt et al. (hereinafter "Mundt").

Claim 1 is directed to a battery-driven electronic device and recites, in part:

- means for detecting power consumption that is configured to establish present power consumption during operation of the device;
- means for presenting data based on the established current power consumption;
- means for calculating a level indicating parameter value representing the established current power consumption as a consumption level in a predetermined scale; and
- wherein said presented data comprises an indication of said consumption level in said scale.

Independent Claim 7 includes similar recitations. According to the recitations of independent Claim 1 reproduced above, an electronic device includes means for detecting power consumption, means for presenting data based on the current power consumption, and means for calculating a level indicating parameter value that represents the current power consumption on a predetermined scale. The presented data comprises an indication of the

consumption level in the scale. As discussed in the "Background" section of the Specification, one problem with conventional battery-driven devices that may be used in different modes, such as mobile phones, is that it may be difficult to assess the remaining battery time if only the remaining time for a standby mode and/or a conversation mode are indicated. Some embodiments of the present invention may address this problem by determining the present power consumption and presenting the present power consumption as a consumption level value in a predetermined scale. Advantageously, this may provide an aid for the user to better understand how the battery is drained based on how the device is used and may also improve power management. (See, *e.g.*, Specification, page 7, lines 15 - 27).

In sharp contrast, Applicants respectfully submit that Mundt does not appear to contain any disclosure of determining the present power consumption in a battery-driven electronic device and presenting the power consumption as a consumption level in a predetermined scale. Instead, FIGS. 5A - 5D disclose a water faucet that represents power conservation levels that are used in the notebook computer N. (Mundt, col. 6, lines 56 - 58). That is, the water faucet icon represents a particular operation mode for the notebook computer N, such as whether various features/systems are shut down. (Mundt, col. 6, line 56 - col. 7, line 24). The icons of FIGS. 5A - 5D and the icons of FIG. 4 of Mundt that display the remaining battery energy and remaining time until depletion do not determine the present power consumption and present the power consumption as a consumption level in a predetermined scale as recited in independent Claim 1. By determining the present power consumption and presenting the power consumption as a consumption level in a predetermined scale, a user may better understand how the battery is drained based on how the device is used, *e.g.*, what applications are being run on the device. The faucet icons of FIGS. 5A - 5D of Mundt do not vary in response to the particular application being run on the notebook computer N, but instead are merely operation mode dependent.

Accordingly, for at least the foregoing reasons, Applicants respectfully submit that independent Claims 1 and 7 are patentable over Mundt and that Claims 2 - 6 and 8 - 12 are patentable at least per the patentability of independent Claims 1, 12, 20, 31, 39, and 50.

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### CONCLUSION

In light of the above amendments and remarks, Applicants respectfully submit that the above-entitled application is now in condition for allowance. Favorable reconsideration of this application, as amended, is respectfully requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned attorney at (919) 854-1400.

Respectfully submitted,

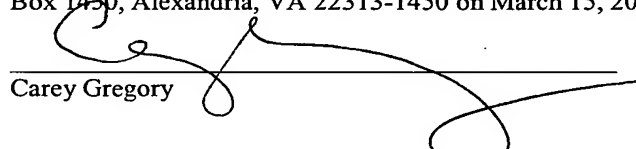


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